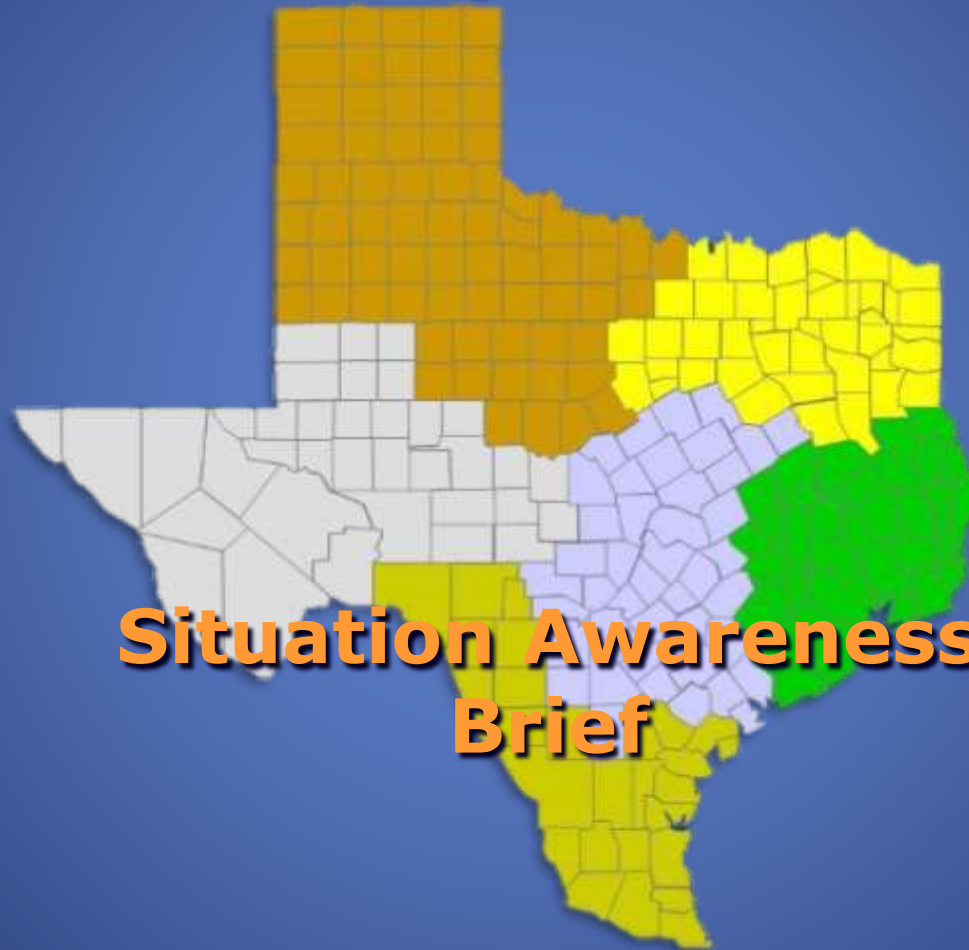


Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



**Monday, May 17th, 2021
As of 0900 CST**

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

45N

35N

25N

15N

5N

Tropical cyclone activity is not expected during the next 48 hours.

1:04 am EDT
Mon May 17 2021

100W

90W

80W

70W

60W

50W

40W

30W

20W

Current Disturbances and Two-Day Cyclone Formation Chance:

✕ < 40%

✕ 40-60%

✕ > 60%

Tropical or Sub-Tropical Cyclone:

○ Depression

⦿ Storm

⦿ Hurricane

⊗ Post-Tropical Cyclone or Remnants

Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/16/21	Preliminary Earthquake Report (M2.7)	Culberson County	Y
05/16/21	Initial Report of a Road Closure	Jackson County	N

Informational Products

Distributed by the State Operations Center

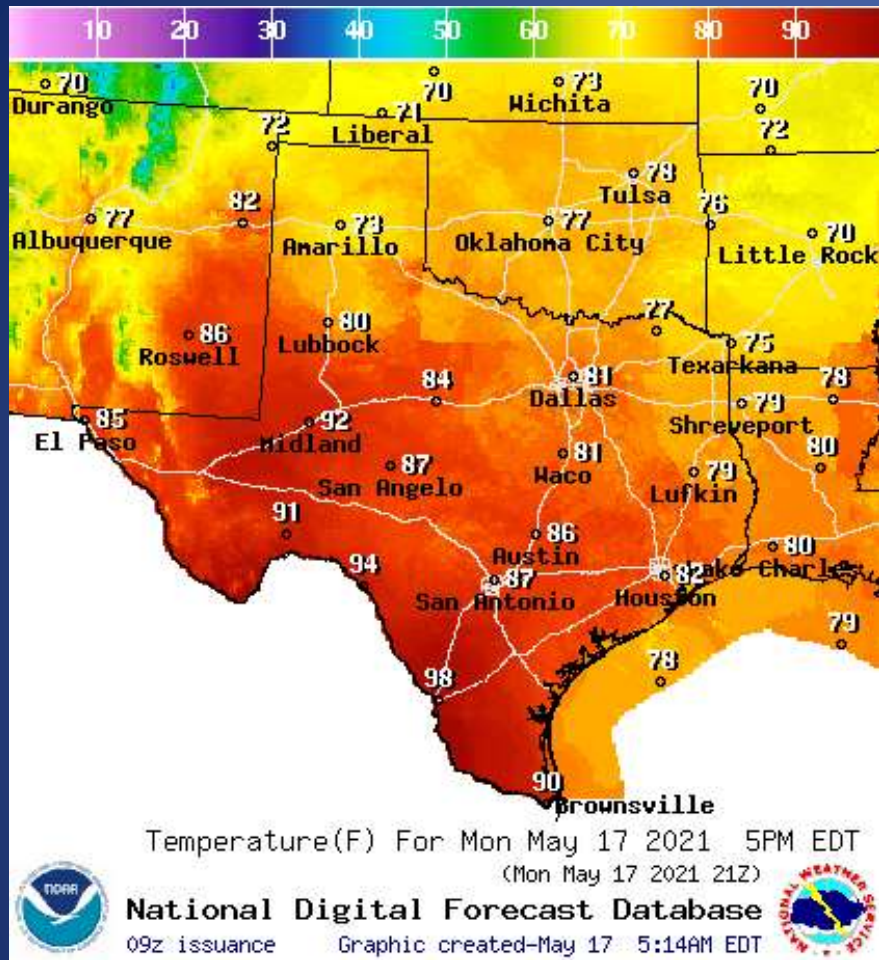
DATE	SUBJECT
05/16/21	20-0003 COVID-19 2020 SITREP 422
05/16/21	NWS Ft Worth UPDATE: Heavy Rain/Flooding This Week with Chances for Severe Storms
05/16/21	NWS West Gulf River Forecast Center: Heavy Rainfall and Flooding
05/16/21	NWS Amarillo Weather Briefing - Sunday, May 16th & Monday, May 17th
05/16/21	**ADVISORY** NOTIFICATION - Severe Weather Response/Flash Flood/Flooding Operations, 17 May 2021
05/16/21	NWS Lake Charles: Hazardous Weather Message
05/16/21	NWS Lubbock: Severe Weather Likely Today into Monday and Tuesday
05/16/21	NWS Houston/Galveston Rainy Work Week Ahead

Informational Products

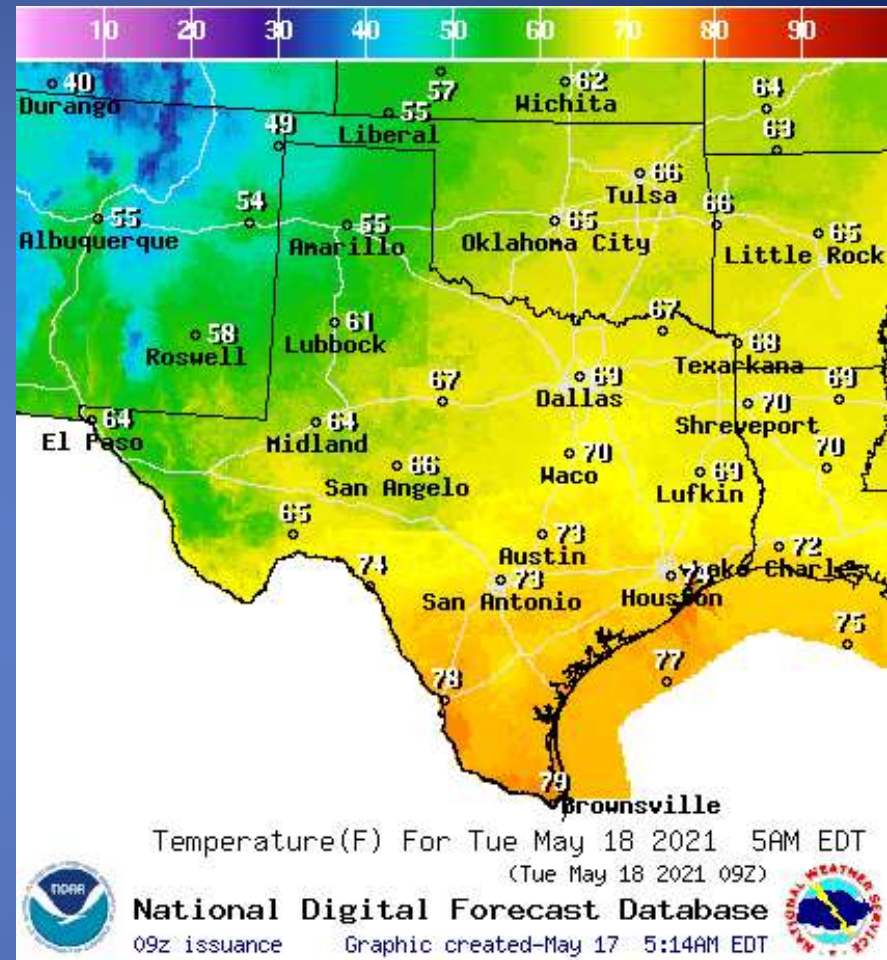
Distributed by the State Operations Center

DATE	SUBJECT
05/16/21	CLEAR Alert Discontinued - Cedar Hill PD – Williams
05/17/21	Daily NWS Threat Brief for Monday, May 17, 2021 for FEMA Region 6
05/17/21	21-0003 February Winter Weather 2021 SITREP 80
05/17/21	NWS Midland/Odessa: Today's Severe Weather Briefing
05/17/21	FEMA: TODAY (5/17) - MODERATE RISK (Hail)
05/17/21	NWS Houston May 17 Morning Update: Stormy Stretch Continues
05/17/21	NWS San Angelo Issued: Urban and Small Stream Flood Advisory for Runnels County

Weather Forecast

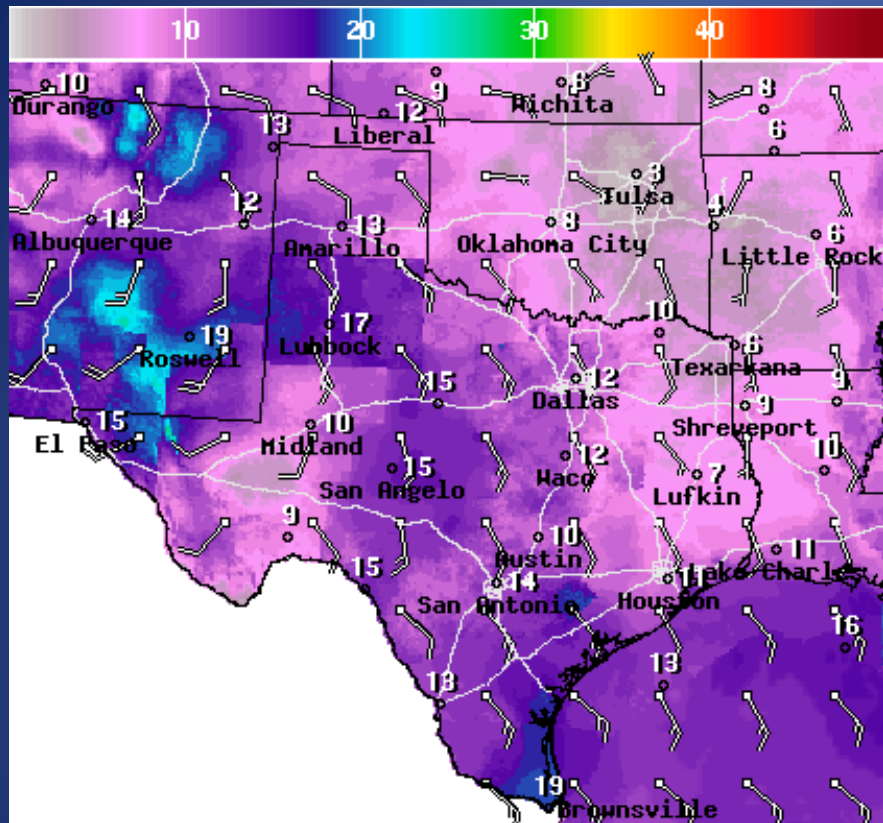


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Mon May 17 2021 5PM EDT

(Mon May 17 2021 21Z)

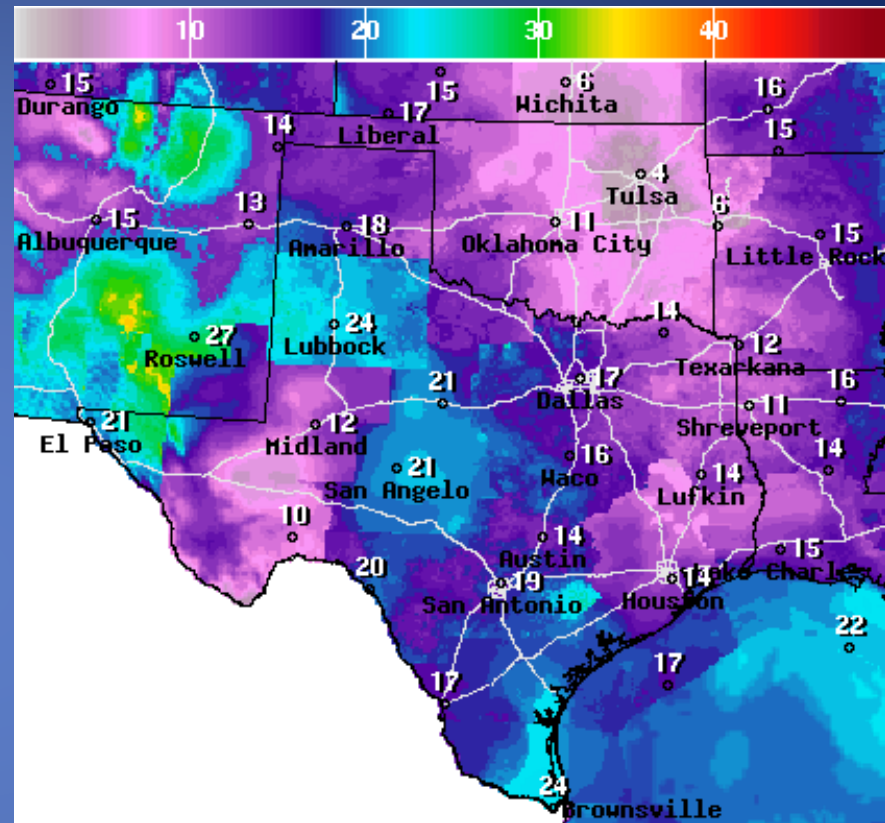


National Digital Forecast Database

09z issuance Graphic created-May 17 5:22AM EDT



Wind Speeds



Wind Gust(Kts) Mon May 17 2021 5PM EDT

(Mon May 17 2021 21Z)



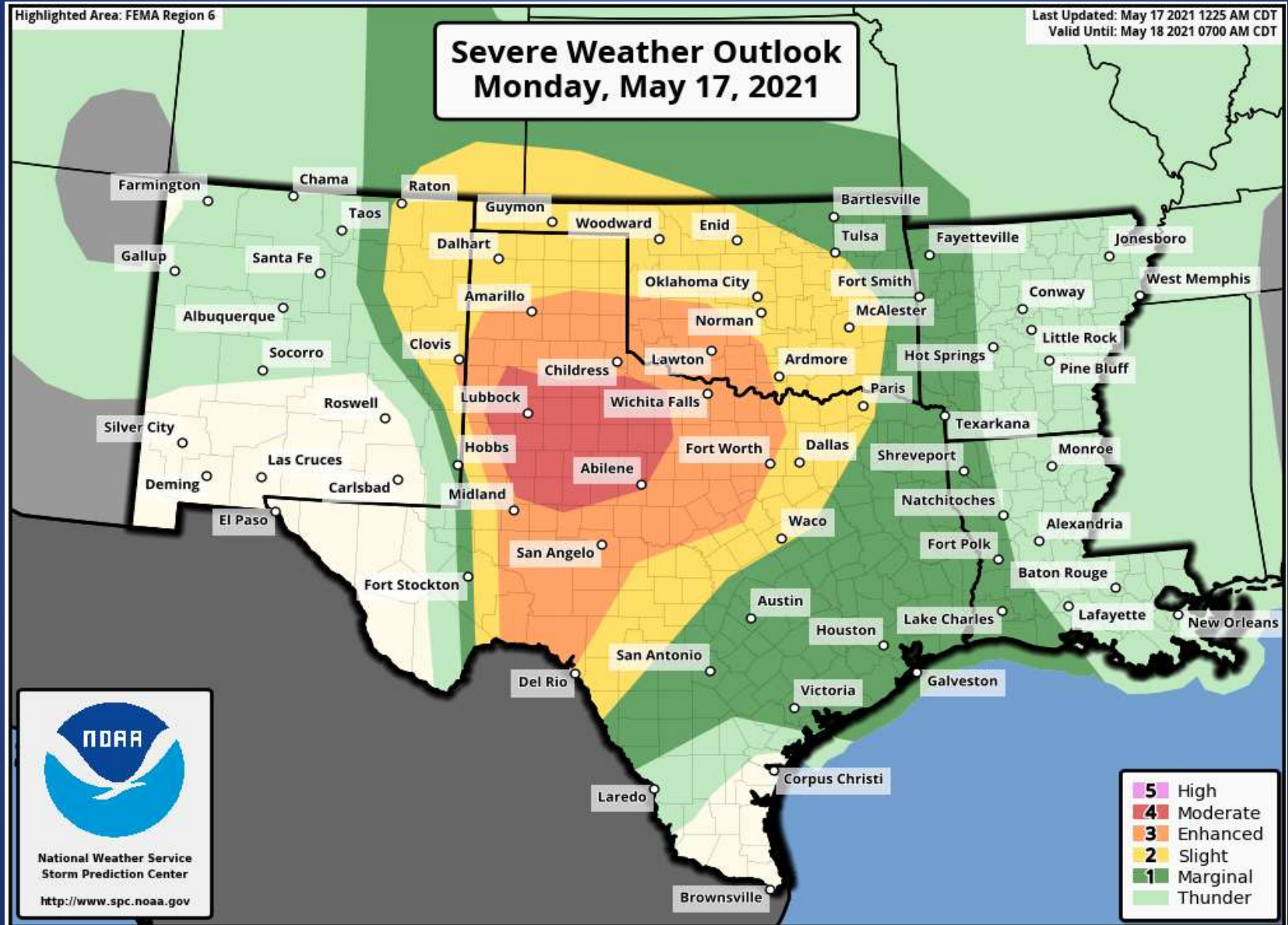
National Digital Forecast Database

09z issuance Graphic created-May 17 5:25AM EDT



Gusts

Hazardous Weather



Hazardous Weather

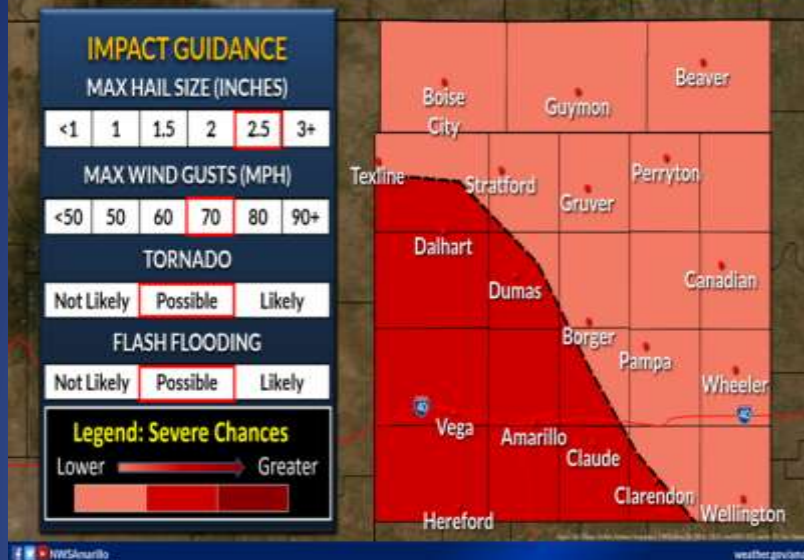
Severe Thunderstorm Potential - 5 PM to 9 PM

Storm Motion East at 20 to 25 mph

Weather Forecast Office

Amarillo, TX

Issued May 17, 2021 4:28 AM CDT



Another round of severe storms is possible this afternoon into tonight. Any storms that form before 9 PM will be capable of very large hail possibly near baseball size and damaging winds. There is also a small chance for one or two storms to produce a tornado before 9 PM. Flash flooding is also possible as storms will not be moving very fast, and some areas have seen a lot of rain over the last few days. Stay weather aware!

Severe Weather Outlook: Monday

Severe Weather Chances for: May 17, 2021

Weather Forecast Office

Lubbock, TX

Issued May 17, 2021 12:52 AM CDT



Thunderstorms are expected late this afternoon through the night. Some storms will become severe and produce torrential rainfall. Baseball size, wind gusts to 75 mph and tornadoes will be possible with the strongest storms this afternoon into the evening. A hail, wind and flooding rain threat will continue late tonight.

Hazardous Weather



Highs will peak in the 70s and 80s today, with a good likelihood of severe weather developing this afternoon and continuing into the evening and overnight hours. Very large hail, damaging winds, flooding rains and tornadoes will all be possible this afternoon and evening. Heavy rainfall and a severe weather threat will be possible with the overnight activity too.



A risk of severe weather and very heavy rainfall (and flash flooding) will continue late tonight into early Tuesday morning. Lows will be mostly in the 50s, with low 60s possible east.

Hazardous Weather

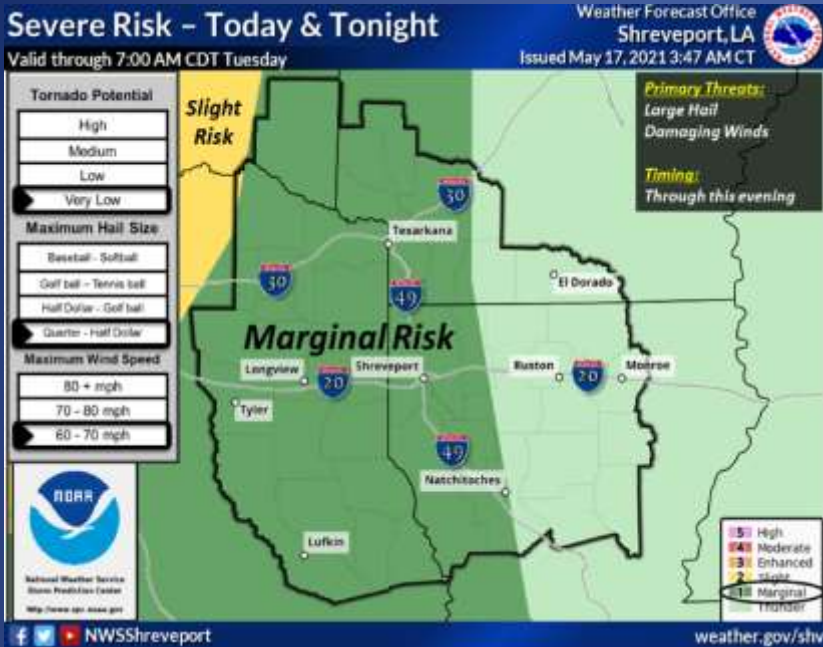


Strong to severe storms are expected to develop Monday afternoon and night. Large hail and damaging winds are the primary concerns with these storms. The greatest tornado threat is across portions of western north Texas.

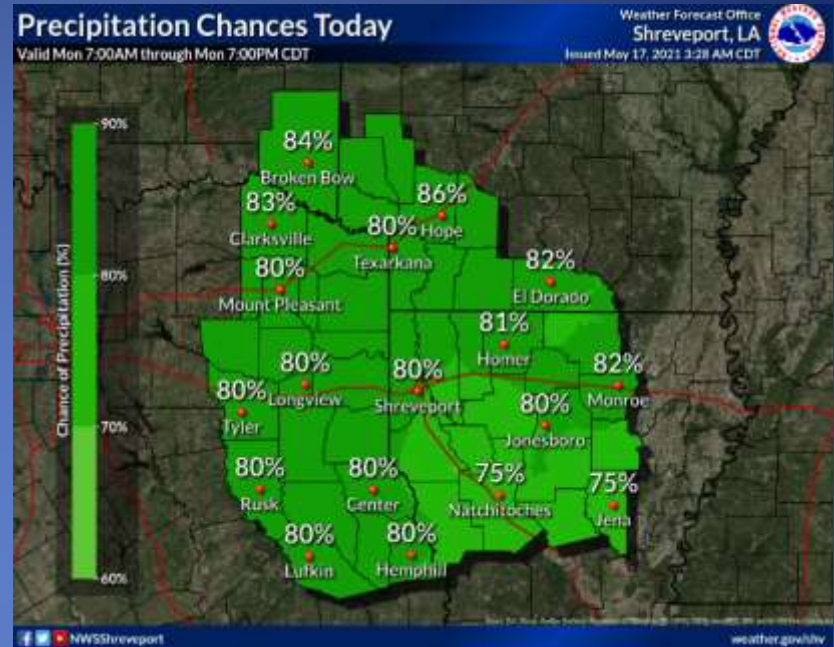


Morning showers and thunderstorms will give way to mostly cloudy skies this afternoon. Additional severe thunderstorms will develop off to the northwest this afternoon and evening. These thunderstorms will move east tonight into North Texas. There will be a threat for severe weather along with a continued threat of flash flooding.

Hazardous Weather



Isolated strong to severe thunderstorms capable of producing large hail and damaging winds will be possible this afternoon and into the overnight hours.



Showers and thunderstorms are expected across the area throughout the day today. A few of the storms may be strong to severe, mainly across our western zones.

Hazardous Weather



here is a chance of strong to severe thunderstorms across most of the area on today and tonight. Large hail and damaging winds are the primary hazards although a tornado cannot be ruled out as well.

Hazardous Weather

Today...Warm and Humid

Isolated Storms before 4 PM

Weather Forecast Office
San Angelo, TX
Issued May 17, 2021 3:53 AM CDT

Warm and muggy today. Isolated showers and storms possible through 4 PM. Better coverage of strong to severe storms developing after 4 PM.



NWSSanAngelo

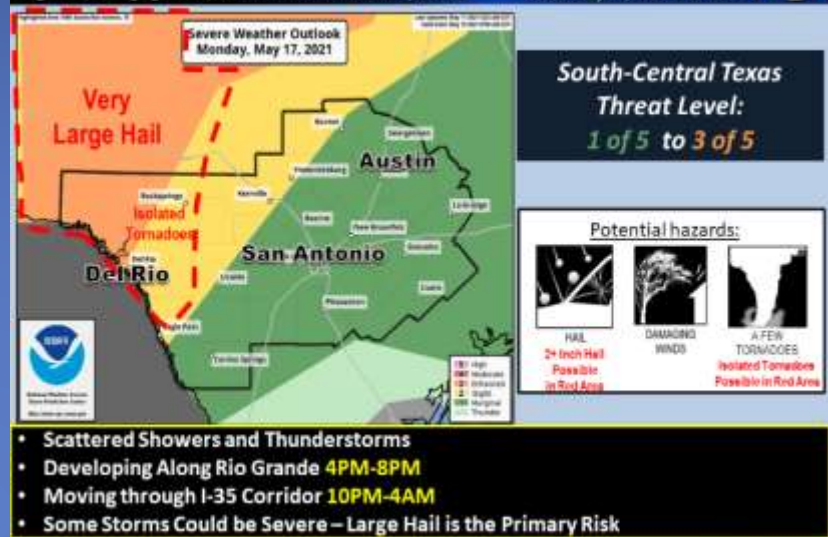
weather.gov/jt

Warm and muggy today with highs in the mid to upper 80s. A few storms before 4 PM but then chances for strong to severe storms will begin to increase.

Enhanced Risk of Severe Storms this Evening and Tonight

Large Hail, Damaging Winds, and an Isolated Tornado are possible

Weather Forecast Office
Austin/San Antonio
Issued May 17, 2021 5:35 AM CT



NWSSanAntonio

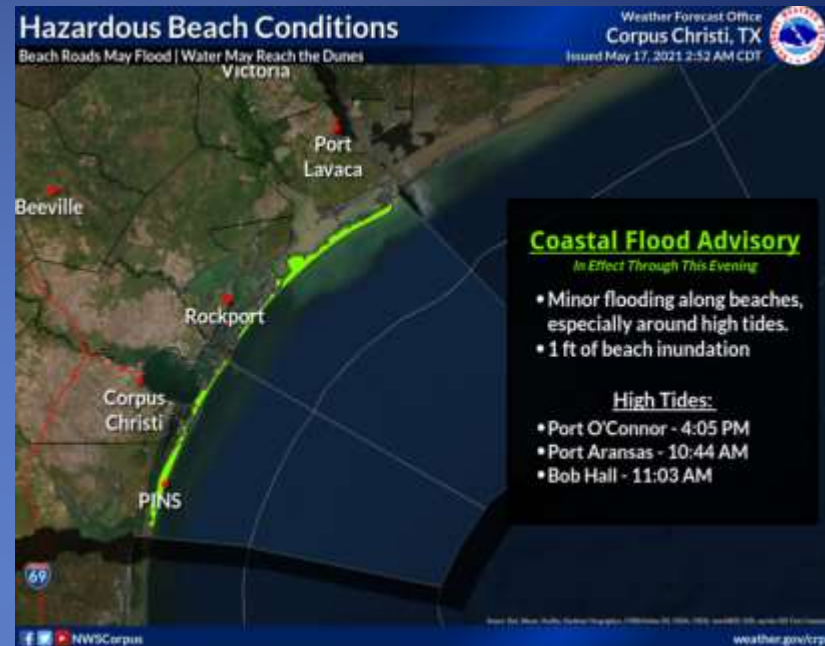
weather.gov/ewx

There is a slight to enhanced risk of strong to severe storms for western areas where very large hail, damaging winds, and an isolated tornado are possible late this afternoon into evening. There is a marginal risk for strong to severe storms elsewhere where large hail and damaging winds are possible later this evening into tonight.

Hazardous Weather



There is a **MARGINAL** risk for severe weather today/tonight across South Texas. Strong to potentially severe storms are possible with the best chances this evening and overnight across the Brush Country. Large hail and damaging winds are the primary threats. Take this time to review your severe weather safety plans.



A **Coastal Flood Advisory** is in effect through this evening along Gulf-facing beaches. Minor coastal flooding is possible, especially during times of high tide. Water may reach the dunes and close off beach access roads.

Hazardous Weather

Severe Weather Outlook

This afternoon through early Tuesday morning.

Weather Forecast Office
Midland/Odessa, TX
Issued May 17, 2021 12:34 AM CT



Threats:



Large to
Very Large
Hail



70 mph
Wind Gusts



Frequent
Lightning



A few
tornadoes
possible

Preparedness Actions

- Always have a severe weather safety plan in place no matter what category your area is in.
- Have multiple ways to receive warnings.

Thunderstorms

No severe storms
expected

1 – Marginal

Isolated severe
storms possible

2 – Slight

Scattered severe
storms possible

3 – Enhanced

Numerous severe
storms possible

4 – Moderate

Widespread severe
storms likely

5 – High

Widespread severe
storms expected

f t NWSMidland

weather.gov/maf

Precipitation Chances

Severe storms with the largest hail potential will be early morning Tuesday. Issued May 17, 2021 2:31 AM CT

Weather Forecast Office
Midland/Odessa, TX



Monday Afternoon



f t NWSMidland

Mon Night/Tue Morning



weather.gov/maf

We are in a moderate risk for severe weather this afternoon through Tuesday morning. What does this mean? Significant size hail (greater than 2 inches) is likely and a few tornadoes are likely to develop. Significant wind damage will also be possible. Take action now: anchor down anything that could blow away, cover anything that could be damaged by very large hail, and make sure you have multiple ways to receive warnings as tornadoes could develop overnight.

Severe storms will be possible this afternoon and evening, with the strongest storms and largest hail expected later in the evening/early morning hours of Tuesday.

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/16/21	Urban and Small Stream Flood Advisory	Collin, Dallas, Harris, Hays, Potter, Randall and Travis Counties
05/16/21	Small Stream Flood Advisory	Erath, Hood and Somervell Counties
05/16/21	Flash Flood Warning	Aransas, Bee, Brazoria, Colorado, Dallas, Duval, Goliad, Jackson, Jim Wells, Matagorda, Randall, Refugio, San Patricio and Wharton Counties
05/16/21	Flash Flood Watch	Austin, Brazoria, Colorado, Duval, Fort Bend, Jackson, Matagorda, Waller and Wharton Counties
05/16/21	Flood Advisory	Aransas, Bee, Calhoun, Cameron, Castro, Childress, Clay, Cottle, Deaf Smith, Dickens, Donley, Floyd, Glasscock, Hale, Hall, King, Lamb, Matagorda, Motley, Nueces, Randall, Reagan, Refugio, San Patricio, Victoria and Willacy Counties
05/16/21	Flood Warning	Aransas, Bee, Duval, Ellis, Goliad, Jim Wells, Matagorda, Nueces, Refugio and San Patricio Counties
05/16/21	Tornado Warning	Aransas, Dallas, Ellis, Haskell, Hill, Johnson, Jones, Lamb, Refugio and San Patricio Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/16/21	Severe Thunderstorm Warning	Archer, Armstrong, Baylor, Bee, Borden, Briscoe, Cameron, Carson, Castro, Childress, Clay, Coke, Cooke, Cottle, Crockett, Crosby, Dallam, Deaf Smith, Dickens, Donley, Fisher, Floyd, Foard, Glasscock, Grayson, Hale, Hall, Hardeman, Hartley, Haskell, Howard, Irion, Jack, Jones, Kent, King, Knox, Lamb, Lubbock, Mitchell, Montague, Moore, Motley, Nolan, Oldham, Parker, Pecos, Potter, Randall, Reagan, Refugio, San Patricio, Scurry, Shackelford, Sherman, Sterling, Stonewall, Swisher, Tom Green, Upton, Wilbarger and Wise Counties
05/16/21	Urban & Small Stream Flood Advisory For Poor Drainage Areas	Dallas and Collin County
05/16/21	Small Stream Flood for Poor Drainage Areas	Erath, Hood and Somervell Counties

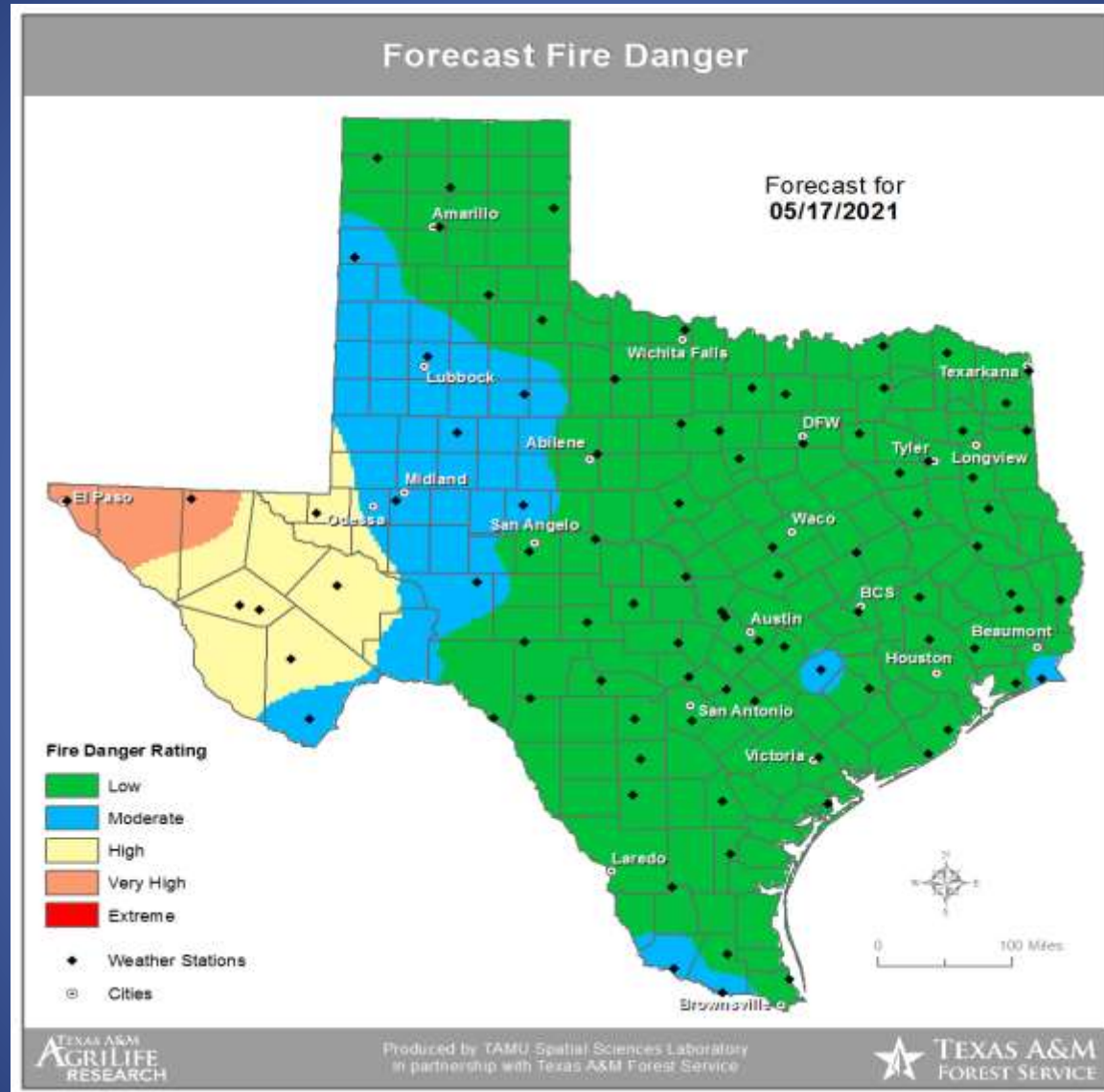
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/16/21	Flood Warning	Elm Fork Trinity River Near Carrollton affecting Denton and Dallas Counties; Trinity River at Dallas affecting Dallas County; Tres Palacio River Near Midfield affecting Matagorda and Wharton Counties; East Mustang Creek Near Loise affecting Wharton and Jackson Counties; White Rock Creek Near Greenville Avenue Affecting Dallas County; Cowleech Fork Sabine River At Greenville affecting Hunt County; Neches River in Orange County; Chambers Creek Near Rice Affecting Navarro and Ellis Counties; East Fork Trinity River at McKinney affecting Collin County; West Mustang Creek near Ganado affecting Wharton and Jackson Counties; Rowlett Creek Near Sachse affecting Dallas County; South Sulphur River Near Cooper affecting Hopkins and Delta Counties; White Oak Creek near Talco affecting Morris, Titus and Franklin Counties; Sulphur River Near Talco affecting Morris, Titus, Franklin and Red River Counties; Lake Fork Creek Near Quitman affecting Wood County; North Sulphur River Near Cooper affecting Lamar and Delta Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/17/21	Severe Thunderstorm Warning	Archer, Baylor, Childress, Crosby, Dickens, Fisher, Floyd, Hall, Jefferson, King, Kent, Knox, Motley, Parker, Stonewall, Tarrant, Wichita and Wilbarger Counties
05/17/21	Areal Flood Advisory	Floyd, Hale, Kent and Randall County
05/17/21	Coastal Flood Advisory	Aransas, Calhoun, Kleberg and Nueces County Islands
05/17/21	Flood Warning	Collin County
05/17/21	Tornado Warning	Newton County
05/17/21	Urban & Small Stream Flood Advisory	Runnels County

Fire Danger Forecast



Burn Ban

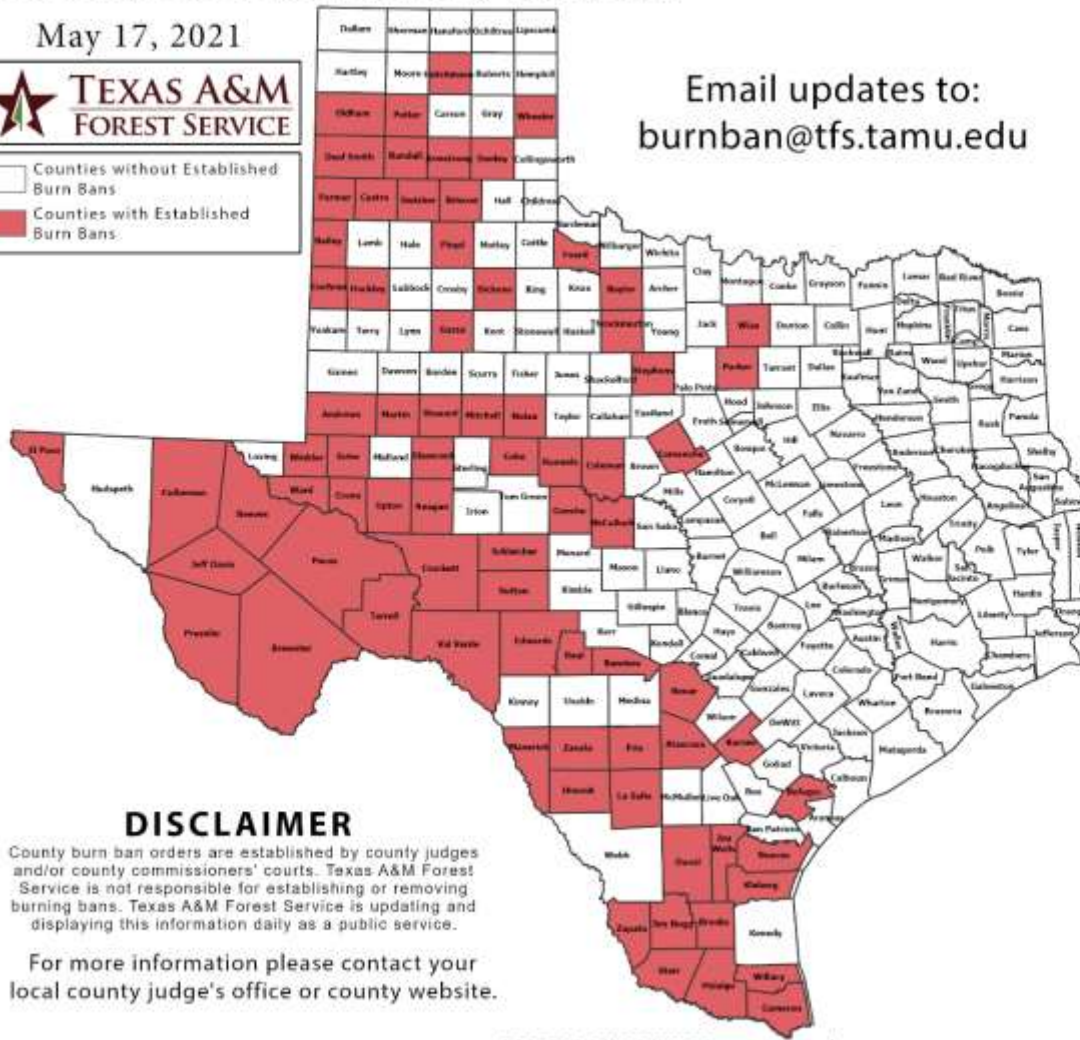
OUTDOOR BURN BANS

May 17, 2021



☐ Counties without Established Burn Bans
☒ Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu



Counties with Burn Bans: 77

Andrews	Jim Wells
Armstrong	Karnes
Atascosa	Kleberg
Bailey	La Salle
Bandera	McCulloch
Baylor	Martin
Bexar	Maverick
Brewster	Mitchell
Briscoe	Nolan
Brooks	Nueces
Cameron	Oldham
Castro	Parker
Cochran	Parmer
Coke	Pecos
Coleman	Potter
Comanche	Presidio
Concho	Randall
Crane	Reagan
Crockett	Real
Culberson	Reeves
Deaf Smith	Refugio
Dickens	Runnels
Dimmit	Schleicher
Donley	Starr
Duval	Stephens
Ector	Sutton
Edwards	Swisher
El Paso	Terrell
Floyd	Throckmorton
Foard	Upton
Frio	Val Verde
Garza	Ward
Glasscock	Wheeler
Hidalgo	Willacy
Hockley	Winkler
Howard	Wise
Hutchinson	Zapata
Jeff Davis	Zavala
Jim Hogg	

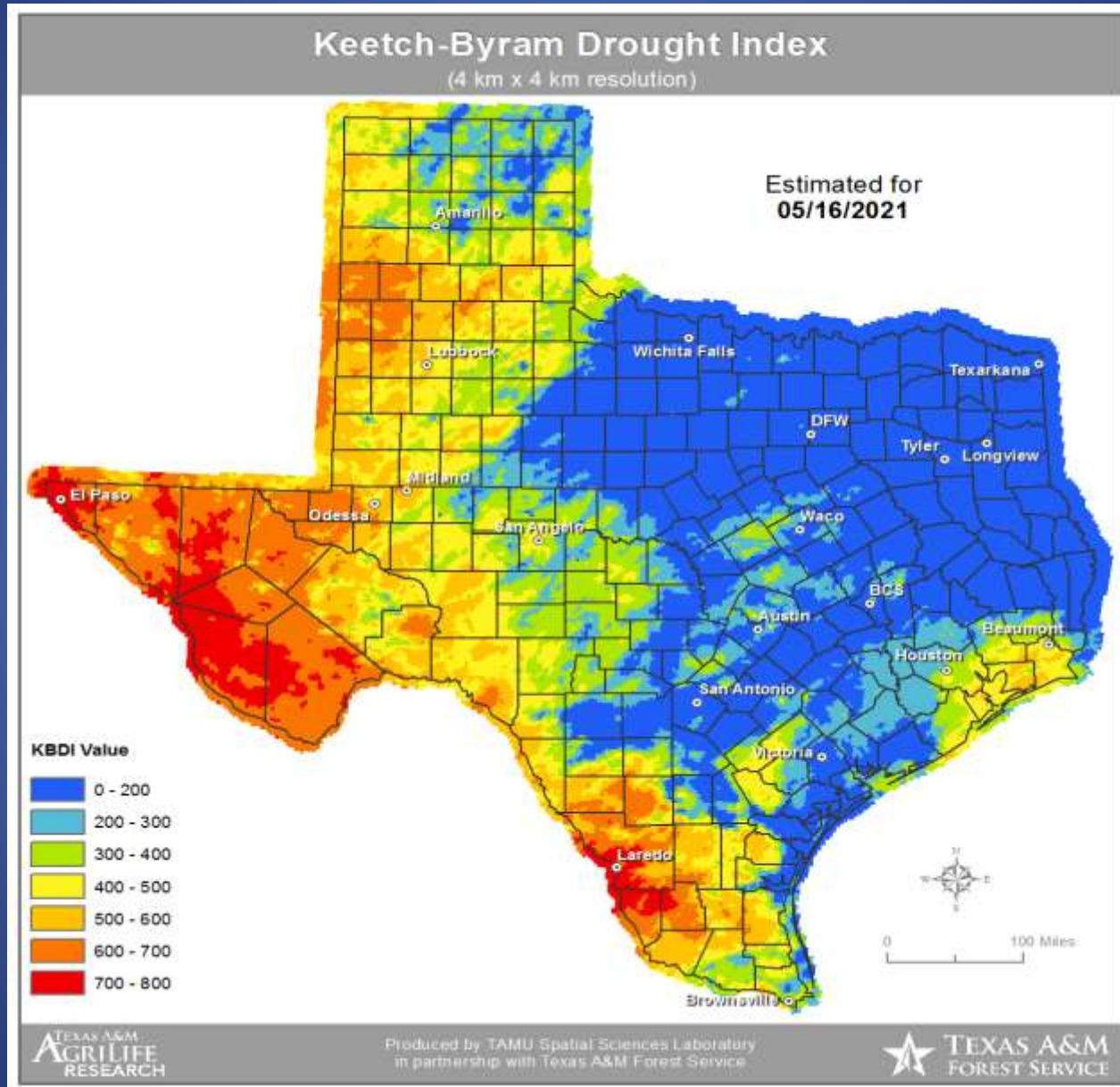
DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index



Fire Activity (*Last 24 Hours)

Reports of 225 (no change) fires and 37,536 (no change) acres have been destroyed this year. There are 77 (no change) counties with burn bans. The Keetch-Byram Drought Index list 65 (-11) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/13/21	05/17/21	Instructional Presentation and Evaluation Skills	V-141	Virtual Campus
05/17/21	05/19/21	Intermediate Incident Command System for Expanding Incidents	G-300	Bay City
05/17/21	05/19/21	Intermediate Incident Command System for Expanding Incidents	G-300	Florence
05/17/21	05/21/21	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certification)	H-503	Pampa

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
05/18/21	05/18/21	USCG 8D / Houston	Sector Houston – Galveston: Severe Weather 2021
05/18/21	05/20/21	FEMA / Virtual	Dam Failure

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
05/17/21	05/17/21	Houston	MLB: 2021 Texas Rangers
05/17/21	05/17/21	San Antonio	UTSA Spring Commencements